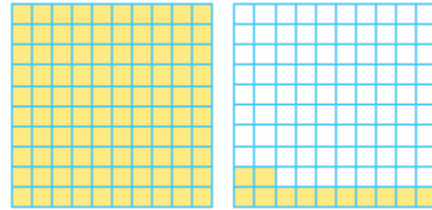


Chapter 4 Understanding Percent

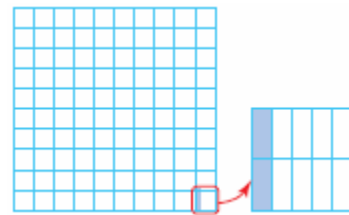
Section 4.1 Representing Percents

Section 4.1 Page 128 Question 4

a) The first grid is entirely shaded, so it represents 100%. The second grid has 12 out of 100 squares shaded. There are a total of 112 squares shaded, which corresponds to 112%.



b) Since only a portion of one square of a hundred grid is shaded, the percent represented is between 0% and 1%. The enlarged diagram of the partially shaded square shows two out of ten parts shaded. The diagram represents $\frac{2}{10}\%$ or 0.2%.



c) The diagram shows 85 squares shaded plus a portion of another square shaded. When you zoom in on the partially shaded square, it is apparent that $\frac{1}{3}$ of it is shaded. The shading represents $\frac{1}{3}$ of 1% of the whole diagram. The diagram represents $85\frac{1}{3}\%$.

